

AMENDMENTS TO THE SEQUENCE LISTING:

Please replace the originally filed Sequence Listing with the enclosed substitute Sequence Listing.

The substitute Sequence Listing now contains the following amendments:

In SEQ ID NO:12, a 351 amino acid sequence (encoded by nucleotides 131-1186 of SEQ ID NO:11) replaces the originally-filed 339 amino acid sequence (encoded by nucleotides 167-1186 of SEQ ID NO:11).

Line <130> has been amended to list the designation of the current divisional application.

Line <140> and <141> are now blank.

Original lines <140> and <141> are now given as new lines <150> and <151>.

The format of lines <150> and <151> has been corrected. Additionally, the serial number and filing date of U.S. Provisional Application No. 60/078,948 have been corrected.

New <223> lines have been added, where appropriate, to define "unsure" nucleotide and amino acid residues.

The last line of nucleotide sequence for SEQ ID NO:21 has been labeled in the right-hand margin with the number "789", to indicate the cumulative base total.

Line <211> of SEQ ID NO:23 has been corrected to list the nucleotide sequence length as "1132".

For SEQ ID NO:23, lines <220>, <221>, <222> and <223> have been added to identify the unsure nucleotide at position 1126.